

L Number	Hits	Search Text	DB	Time stamp
1	2	(Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near2 (precursor or reactant or gas\$4 or vapor\$4 or reagent or fluid))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near4 (light or lamp or infrared or IR or UV or ultraviolet or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 13:58
2	2	(Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor\$4 or reagent or fluid))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near4 (light or lamp or infrared or IR or UV or ultraviolet or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 13:41
3	1	(Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or UV or ultraviolet or radiation or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 13:36
4	13	(Thakur.in. or Micron.as.) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet)) with thermal\$3)	USPAT; US-PGPUB	2004/05/26 13:40
5	19	(Thakur.in. or Micron.as.) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet)) with (pulse or pulsed or pulsing or purge or purged or purging or between or inbetween or intermitt\$6))	USPAT; US-PGPUB	2004/05/26 14:04
6	70	(Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) and (cold adj wall\$2)	USPAT; US-PGPUB	2004/05/26 14:15
7	2	((Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) and (cold adj wall\$2)) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 13:37
8	15	(Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) same (cold adj wall\$2)	USPAT; US-PGPUB	2004/05/26 13:38
9	15	((Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) same (cold adj wall\$2)) not (((Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) and (cold adj wall\$2)) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 13:38

10	0	{Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent))) and (cold adj wall\$2)}	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:39
11	0	{Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or \$4CVD or gas\$4 or vapor or reagent))) and (cold adj wall\$2)}	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:39
12	0	{Thakur.in. or Micron.as.) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet))) with (pulse or pulsed or pulsing or purge or purged or purging or between or inbetween or intermitt\$6 or cycl\$3)}	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:40
13	2	{Thakur.in. or Micron.as.) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet))) with thermal\$3}	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:40
14	0	{Thakur.in. or Micron.as.) and (ALE or ALD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor\$4 or reagent or fluid))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near4 (light or lamp or infrared or IR or UV or ultraviolet or (ultra adj violet)))	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:41
15	0	427/553,557,558,559	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 13:41
16	1319	(427/553,557,558,559).CCLS.	USPAT; US-PGPUB	2004/05/26 13:42
17	266	(427/582,583,584).CCLS.	USPAT; US-PGPUB	2004/05/26 13:42
18	797	(427/585,587,593).CCLS.	USPAT; US-PGPUB	2004/05/26 13:42
19	2504	(427/248.1,255.15,255.7).CCLS.	USPAT; US-PGPUB	2004/05/26 13:42
20	1839	(427/379,380,398.4).CCLS.	USPAT; US-PGPUB	2004/05/26 13:43
21	4214	(118/715,724,725).CCLS.	USPAT; US-PGPUB	2004/05/26 13:43
22	987	(117/88,89,93,105).CCLS.	USPAT; US-PGPUB	2004/05/26 13:43
23	1451	(438/680,681,788,792).CCLS.	USPAT; US-PGPUB	2004/05/26 13:43
24	12348	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)	USPAT; US-PGPUB	2004/05/26 13:44
25	19	((427/553,557,558,559).CCLS.) and ((427/582,583,584).CCLS.)	USPAT; US-PGPUB	2004/05/26 13:47
26	33	((427/553,557,558,559).CCLS.) and ((427/248.1,255.15,255.7).CCLS.)	USPAT; US-PGPUB	2004/05/26 13:47
27	32	((427/553,557,558,559).CCLS.) and ((427/248.1,255.15,255.7).CCLS.) not ((427/553,557,558,559).CCLS.) and ((427/582,583,584).CCLS.)	USPAT; US-PGPUB	2004/05/26 13:49
28	5	((427/553,557,558,559).CCLS.) and ((117/88,89,93,105).CCLS.)	USPAT; US-PGPUB	2004/05/26 13:50
29	19	((427/553,557,558,559).CCLS.) and (ALE or (puls\$3 or intermitt\$9) near3 (precursor or fluid or gas\$4 or vapor\$3 or reactant or reagent or \$3CVD))	USPAT; US-PGPUB	2004/05/26 13:51

30	19	((427/553,557,558,559).CCLS.) and (ALD or ALE or ALCVD or ((puls\$3 or intermit99) near3 (precursor or fluid or gas\$4 or vapor\$3 or reactant or reagent or \$3CVD)))	USPAT; US-PGPUB	2004/05/26 13:51
31	7	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and (ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near3 (precursor or reactant or gas\$4 or vapor\$4 or reagent or fluid or \$3CVD))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near4 (light or lamp or infrared or IR or UV or ultraviolet or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 13:59
32	87	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet)) with (pulse or pulsed or pulsing or purge or purged or purging or between or inbetween or intermit\$6))	USPAT; US-PGPUB	2004/05/26 14:04
33	86	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((anneal\$3 or bake or baked or baking or (heat adj treat\$4)) with (light or lamp or radiation or UV or IR or infrared or ultraviolet or (ultra adj violet)) with (pulse or pulsed or pulsing or purge or purged or purging or between or inbetween or intermit\$6)) ) not (((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and (ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near3 (precursor or reactant or gas\$4 or vapor\$4 or reagent or fluid or \$3CVD))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near4 (light or lamp or infrared or IR or UV or ultraviolet or (ultra adj violet))))	USPAT; US-PGPUB	2004/05/26 14:14
34	1	6319635.pn.	USPAT; US-PGPUB	2004/05/26 14:14

35	11	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near\$4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) same (cold adj wall\$2))	USPAT; US-PGPUB	2004/05/26 14:17
36	1	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near\$4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent))	USPAT; US-PGPUB	2004/05/26 14:55
37	22	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near\$4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6 or pulse or pulsed or pulsing or purg\$3) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent))	USPAT; US-PGPUB	2004/05/26 14:22

38	21	<p>(((427/553,557,558,559).CCLS.)  (427/582,583,584).CCLS.)  (427/585,587,593).CCLS.)  (427/248.1,255.15,255.7).CCLS.)  (427/379,380,398.4).CCLS.)  (118/715,724,725).CCLS.)  (117/88,89,93,105).CCLS.)  (438/680,681,788,792).CCLS.)) and ((ALE  or ALD or ALCVD or (atomic adj layer adj  (deposit\$3 or epitax\$8)) or (pulse\$3 near\$4  (precursor or reactant or gas\$4 or vapor  or reagent or \$3CVD))) and ((anneal\$3 or  heat\$3 or bake or baked or baking or  reflow\$3 or (re adj flow\$3)) with (UV or  IR or light or lamp or radiation or  infrared or ultraviolet or (ultra adj  violet)) with (between or inbetween or  after or subsequent\$5 or before or prior  or during or while or intermit\$6 or pulse  or pulsed or pulsing or purg\$3) with  (gas\$4 or precursor or fluid or reactant  or vapor\$4 or reagent))) not  (((427/553,557,558,559).CCLS.)  (427/582,583,584).CCLS.)  (427/585,587,593).CCLS.)  (427/248.1,255.15,255.7).CCLS.)  (427/379,380,398.4).CCLS.)  (118/715,724,725).CCLS.)  (117/88,89,93,105).CCLS.)  (438/680,681,788,792).CCLS.)) and ((ALE  or ALD or ALCVD or (atomic adj layer adj  (deposit\$3 or epitax\$8)) or (pulse\$3 near\$4  (precursor or reactant or gas\$4 or vapor  or reagent or \$3CVD))) and ((anneal\$3 or  heat\$3 or bake or baked or baking or  reflow\$3 or (re adj flow\$3)) with (UV or  IR or light or lamp or radiation or  infrared or ultraviolet or (ultra adj  violet)) with (between or inbetween or  after or subsequent\$5 or before or prior  or during or while or intermit\$6) with  (pulse or pulsed or pulsing or purg\$3)  with (gas\$4 or precursor or fluid or  reactant or vapor\$4 or reagent)))</p>	USPAT; US-PGPUB	2004/05/26 14:22
39	6	<p>(((427/553,557,558,559).CCLS.)  (427/582,583,584).CCLS.)  (427/585,587,593).CCLS.)  (427/248.1,255.15,255.7).CCLS.)  (427/379,380,398.4).CCLS.)  (118/715,724,725).CCLS.)  (117/88,89,93,105).CCLS.)  (438/680,681,788,792).CCLS.)) and ((ALE  or ALD or ALCVD or (atomic adj layer adj  (deposit\$3 or epitax\$8)) or (pulse\$3 near\$4  (precursor or reactant or gas\$4 or vapor  or reagent or \$3CVD))) and ((anneal\$3 or  heat\$3 or bake or baked or baking or  reflow\$3 or (re adj flow\$3)) with (UV or  IR or light or lamp or radiation or  infrared or ultraviolet or (ultra adj  violet)) with (between or inbetween or  after or subsequent\$5 or before or prior  or during or while or intermit\$6) with  (pulse or pulsed or pulsing or purg\$3)</p>	USPAT; US-PGPUB	2004/05/26 14:55

40	236	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))))	USPAT; US-PGPUB	2004/05/26 14:33
41	28	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))))	USPAT; US-PGPUB	2004/05/26 14:47
42	9	((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near3 (pulse or pulsed or pulsing or purg\$3 or intermit\$7 or (on near2 off))))	USPAT; US-PGPUB	2004/05/26 14:57
43	5	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near3 (pulse or pulsed or pulsing or purg\$3 or intermit\$7 or (on near2 off))))	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 14:39
44	59	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))))	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 14:42
45	54	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))) ) not ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near3 (pulse or pulsed or pulsing or purg\$3 or intermit\$7 or (on near2 off))))	EPO; JPO; DERWENT; IBM_TDB	2004/05/26 14:42

46	15	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3))	EPO; JPO; DERMENT; IBM_TDB	2004/05/26 14:50
47	135	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3))	USPAT; US-PGPUB	2004/05/26 14:50
48	55	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent))	USPAT; US-PGPUB	2004/05/26 14:51

49	54	<pre> {((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet))) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent))) not (((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent))) </pre>	USPAT/ US-PGPUB	2004/05/26 14:53
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50	81	<p>(( (ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3))) not (((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3)) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent))) not</p> <p>(( (427,553,557,558,559).CCLS.)</p> <p>(( (427,582,583,584).CCLS.)</p> <p>(( (427,585,587,593).CCLS.)</p> <p>(( (427,248.1,255.15,255.7).CCLS.)</p> <p>(( (427,379,380,398.4).CCLS.)</p> <p>(( (118,715,724,725).CCLS.)</p> <p>(( (117,88,89,93,105).CCLS.)</p> <p>(( (438,680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3)) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent)))</p>	USPAT; US-FGPNB	2004/05/26 14:53
51	135	<p>(( (ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3)) with (gas\$4 or precursor or fluid or reactant or vapor\$4 or reagent)))</p>	USPAT; US-FGPNB	2004/05/26 14:56

52	0	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3))) not ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or heat\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (UV or IR or light or lamp or radiation or infrared or ultraviolet or (ultra adj violet)) with (between or inbetween or after or subsequent\$5 or before or prior or during or while or intermit\$6) with (pulse or pulsed or pulsing or purg\$3)))	USPAT; US-PGPUB	2004/05/26 14:56
53	36	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near2 (pulse or pulsed or pulsing or purg\$3 or intermit\$7 or (on near2 off)))	USPAT; US-PGPUB	2004/05/26 15:01
54	32	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near2 (pulse or pulsed or pulsing or purg\$3 or intermit\$7 or (on near2 off))) not (((427/553,557,558,559).CCLS.) (427/582,583,584).CCLS.) (427/585,587,593).CCLS.) (427/248.1,255.15,255.7).CCLS.) (427/379,380,398.4).CCLS.) (116/715,724,725).CCLS.) (117/88,89,93,105).CCLS.) (438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) near3 (pulse or pulsed or pulsing or purg\$3 or intermit\$7 or (on near2 off))))	USPAT; US-PGPUB	2004/05/26 14:57
55	351	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)))	USPAT; US-PGPUB	2004/05/26 15:04
56	10	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (lamp or light or UV or IR or radiation or infrared or ultraviolet or (ultra adj violet)))	USPAT; US-PGPUB	2004/05/26 15:05

57	28	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))) ) and ((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.))	USPAT; US-PGPUB	2004/05/26 15:04
58	0	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))) ) and ((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) not (((427/553,557,558,559).CCLS.) ((427/582,583,584).CCLS.) ((427/585,587,593).CCLS.) ((427/248.1,255.15,255.7).CCLS.) ((427/379,380,398.4).CCLS.) ((118/715,724,725).CCLS.) ((117/88,89,93,105).CCLS.) ((438/680,681,788,792).CCLS.)) and ((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near4 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) same ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3))) )	USPAT; US-PGPUB	2004/05/26 15:04
59	14	((ALE or ALD or ALCVD or (atomic adj layer adj (deposit\$3 or epitax\$8)) or (puls\$3 near2 (precursor or reactant or gas\$4 or vapor or reagent or \$3CVD)))) and ((anneal\$3 or bake or baked or baking or reflow\$3 or (re adj flow\$3)) with (lamp or light or UV or IR or radiation or infrared or ultraviolet or (ultra adj violet)) with (purge or purged or purging or intermit\$5 or puls\$3 or (on adj off)))	USPAT; US-PGPUB	2004/05/26 15:06